

LISTING OF THE CLAIMS:

Claims 1-50 (Presently cancelled.)

Claim 51 (New) A hemostasis method comprising the following steps:

- a) locating a treatment site upon which high intensity focused ultrasonic energy should be applied;
- b) providing an ultrasonic therapeutic transducer configured to emit high intensity focused ultrasonic energy ;
- c) operating said therapeutic transducer to isonify tissues located at the treatment site and cause a heat induced tissue repair process.

Claim 52 (New) The method of claim 51, wherein the step of locating the treatment site further comprises using a conventional diagnostic ultrasound transducer to determine and locate the treatment site.

Claim 53 (New) The method of claim 52, further comprising the step of operating the diagnostic ultrasound transducer to observe the induced tissue repair process.

Claim 54 (New) The method of claim 53, whereby a coagulum is created during the thermally induced tissue repair process.

Claim 55 (New) A method for treating tissues in a patient's body comprising the steps of:

- a) directing therapeutic ultrasound energy to a specific tissue site; and
- b) applying sufficient acoustic energy to induce a tissue repair process.

Claim 56 (New) A method for remodelling the tissues contained in a patient's blood vessel comprising the following steps:

- a) locating a treatment site on the vessel;
- b) providing an ultrasonic therapeutic transducer configured to emit high intensity focused ultrasonic energy; and
- c) operating said therapeutic transducer to trigger a tissue repair process at the treatment site.

Claim 57 (New) The method of claim 56, further comprising providing an ultrasonic diagnostic transducer for transmitting and receiving signals from the treatment site.

Claim 58 (New) The method of claim 57, wherein the ultrasonic diagnostic transducer is used to locate the treatment site.

5 Claim 59 (New) The method of claim 58, further the ultrasonic diagnostic transducer is used to observe the tissue bio-effects at the treatment site.

Claim 60 (New) The method of claim 59, whereby a coagulum is formed during the tissue repair process.

10 Claim 61 (New) The method of claim 60, wherein the ultrasonic diagnostic transducer is used to verify the formation of the coagulum.